a. X Newly executed (original or copy)

b. Copy from prior application (37 CFR 1.63 (d))

i ☐ DELETION OF INVENTOR(S)

(for continuation/divisional with Box 16 completed)

Signed statement attached deleting inventor(s)

						,						
Q		a plus sign (+) in this box → .+.	o persons are required to respond t	o a coll	ection	PTO/SB/05 (4- Approved for use through 9/30/2000. OMB 0651-0( Patent and Trademark Office: U.S. DEPARTMENT OF COMMER of information unless it contains a valid OMB control number	03					
ß	UTILITY PATENT APPLICATION				Attorney Docket No.: 89 0469							
ָּס					First Named Inventor or Application Identifier: McCartney							
To					Title: LUBRICATION SYSTEM FOR DOWNHOLE APPLICATION							
	(Only for new nonprovisional applications under 37 CFR 1.53 (b))			Express Mail Label No.: EL 765 786 024 US								
S	APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.				Box Patent Application ADDRESS TO: Assistant Commissioner for Patents Washington, DC 20231							
1. 2.	X	Fee Transmittal Form (e.g., PTO/SB/(Submit an original and duplicate for fee properties of the Invention and Section Invention and Properties of the Invention and Properties of the Invention and Properties of Section Invention and Properties of Section Inventor of S	te for fee processing)  [Total Pages: 18 ] ention ed Applications -sponsored R & D	5. 6.		Microfiche Computer Program (Appendix)  Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a.   Computer Readable Copy  b.   Paper Copy  c.   Statement verifying identity of above copies						
		- Background of the Invention			ACCOMPANYING APPLICATION PARTS							
0		- Brief Summary of the Invention  - Brief Descriptions of the Drawings (if filed)  - Detailed Description  - Claim(s)  - Abstract of the Disclosure	7. 8. 9. 10.	X X	Assignment papers (cover sheet & document(s)) 37 C.F.R. 3.73(b) Statement  Power of Attorne (when there is an assignee) English Translation Document (if applicable) Information Disclosure  Copies of IDS							
3. 4.		Drawings (35 U.S.C. 113) or Declaration	[Total Sheets: 5 ] [Total Pages: 4 ]	11.		Statement (IDS)/Form 1449 Citations Preliminary Amendment						

12. 🗷

13. 🔲

Return Receipt Postcard (MPEP 503)

Status is still proper and desired

(Should be specifically itemized)

Statement(s)

(PTO/SB/09-12)

named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). (if foreign priority is claimed) 15. 🗆 Other:\_ "NOTE FOR ITEMS 1&13. IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. 127), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 c.f.r. 1.28). 16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment: ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No . \_\_ Prior application information: Examıner\_ Group/Art Unit: For CONTINUATION or DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS ☐ Customer Number or Bar Code Label or Correspondence address below (Insert customer No. or Attach bar code label here) Jeffrey E. Griffin NAME Schlumberger Technology Corporation, Schlumberger Reservoir Completions 14910 Airline Road **ADDRESS** P.O. Box 1590 CITY Rosharon STATE ZIP CODE 77583-1590 COUNTRY U.S. **TELEPHONE** (281) 285-5722 FAX (281) 285-5537 Name (Print/Type) Jeffrey E. Griffir Registration No (Attorney/Agent): 36,534 Signature Date:

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR DIMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

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FEE TRANSMITTAL	Complete if Known								
	Application Number								
For FY 2001	Filing Date								
Patent fees are subject to annual revision.	First Named Inventor			Pa Pa	Patrick M. McCartney				
Small Entity payments must be supported by a small entity statement,	Group Art Unit			-					
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.	Examiner Name			gn	89 0469				
TOTAL AMOUNT OF PAYMENT \$1162	Attorney Docket Number								
METHOD OF PAYMENT (Check one)	FEE CALCULATION (continued)								
The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES								
1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:		Entity	Small			Fee Description		Fee Paid	
Denosit Account	Entity Fee Fee Fee Fee (\$) Code (\$)								
Deposit Account Number 50-0457	Code	(4)	Jouc	(Ψ)					
Deposit Account Name Schlumberger Technology Corp.	105 127	130 50	205 227	65 25	Surcharg	ge - late filing fee or oath ge - late provisional filing f	fee or		
Charge Any Additional Fee Required	400	400	100	100	cover sh			<u> </u>	
Under 37 CFR 1.16 and 1.17	139 147	130 2,520	139 147	130 2,520		llish specification a request for reexaminat	ion	<u> </u>	
- <b>-</b>	112	2,520 920*	112	920*	Request	ing publication of SIR price	or to		
2. Payment Enclosed:	115	020		020	Examine				
☐ Check ☐ Money ☐ Other <sup>(</sup>	113	1840*	113	1840*	Examine				
FEE CALCULATION	115	110	215	55		n for response within first			
	116	380	216	190	Extensio month	n for response within sec	ona		
1. BASIC FILING FEE	117	870	217	435		n for response within third	d month		
Large Entity Small Entity	118	1,360	218	680		n for response within four			
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101 710 201 355 Utility filing fee \$710	128	1,850	228	925		n for response within fifth	month		
106 320 206 160 Design filing fee	119	300	219 220	150 150	Notice of	t Appeal orief in support of an appe	-al	<u> </u>	
107 490 207 245 Plant Filing fee 108 710 208 355 Reissue filing fee	120 121	300 260	220	130		for oral hearing	J41		
114 150 214 75 Provisional filing fee	138	1,510	138	1,510	Petition	to institute a public use			
SUBTOTAL (1) \$710	140	110	240	55		roceeding Petition to revive unavoidably abandoned pplication			
Fee from Fee 2. CLAIMS Extra below Paid	141	1,210	241	605	Petition	to revive unintentionally ned application		-	
Total Claims	142	1,210	242	605		Utility issue fee			
34 -20 = 14 \$18.00 = 252	143	430	243	215	Design ı				
Claims 5 -3 = 2 \$80.00 = 160	144	580	244	290	Plant iss				
Multiple Dependent Claims	122	130	122	130		to Commissioner		-	
Large Entity Small Entity	123	50	123	50	Petitions applicati	related to provisional			
Fee Fee Fee Fee Description Code (\$) Code (\$)	126	240	126	240		sion of Information Disclos	sure		
103 18 203 9 Claims in excess of 20 102 78 202 39 Independent claims in excess of 3	581	40	581	40	Recordi	Recording each patent assignment property (times number of properties)			
104 260 204 130 Multiple dependent claims 109 78 209 39 **Reissue independent claims over	146	760	246	380		submission after final reje		\$40	
original patent 110 18 210 9 **Reissue claim in excess of 20	149	760	249	380	For each	n additional invention to bed (37 CFR 1.129(b))	e		
and over original patent						. , , , ,			
	Other fo	ee (specif	y)				-		
SUBTOTAL(2) \$412	Other	ee (specif	w						
	Jounet 1	ee (ohenii	"/			SUBTOTAL(3)	_	\$40	
	*Reduced by Basic Filing Fee Paid								
SUBMITTED BY						Complete (if applicable)			
Typed or Jeffrey E. Griffin	C. Griffin						534		
Printed Name						Deposit Account User ID	36,534		
Signature						Coel ID			

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